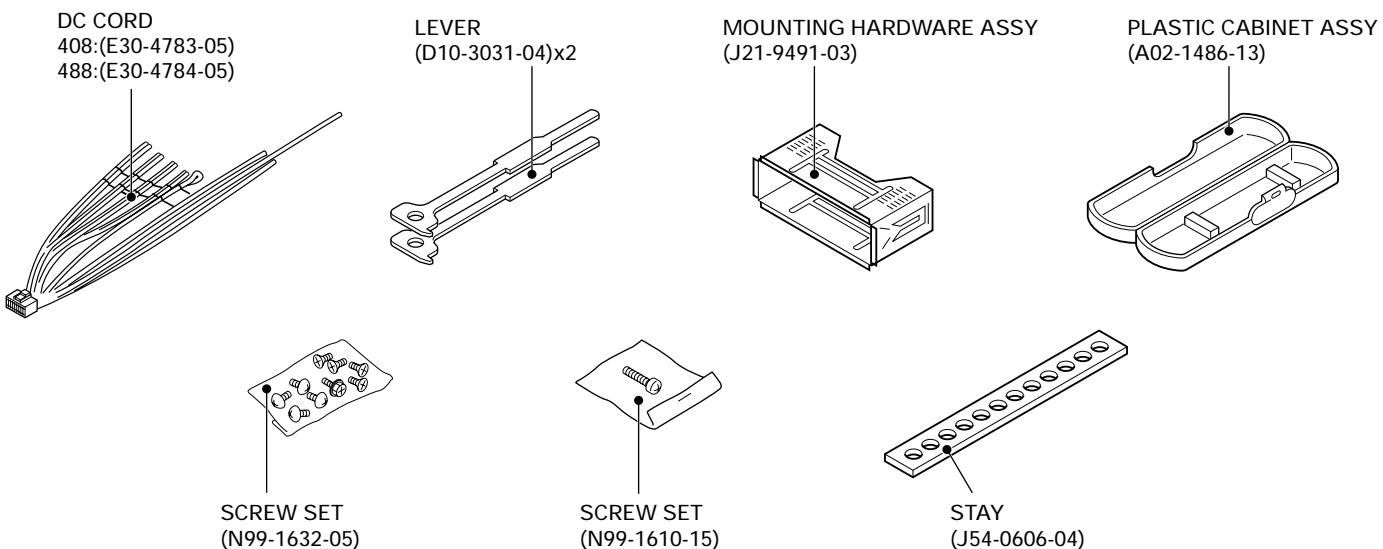
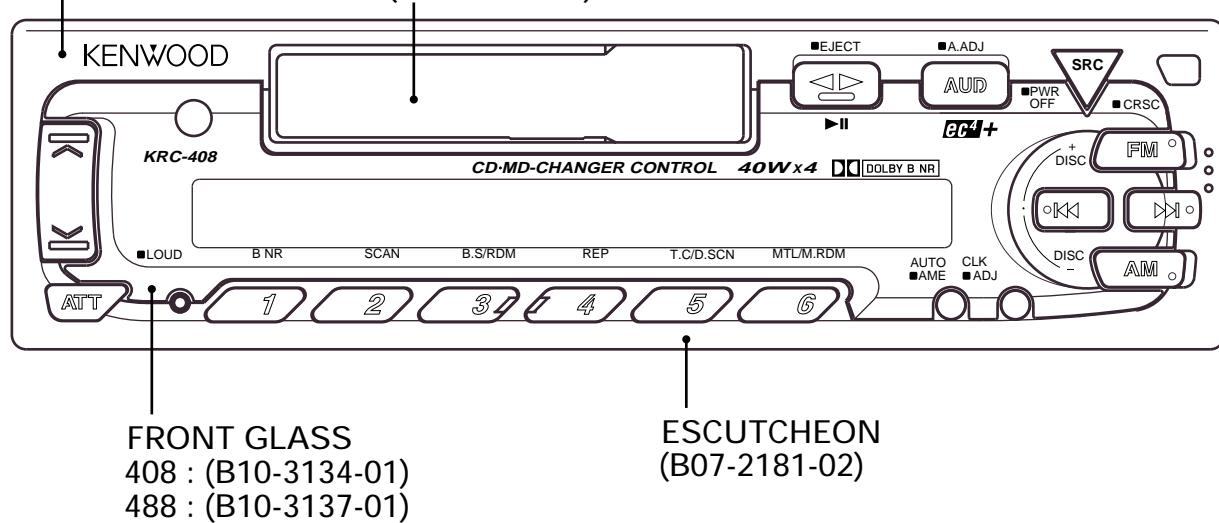


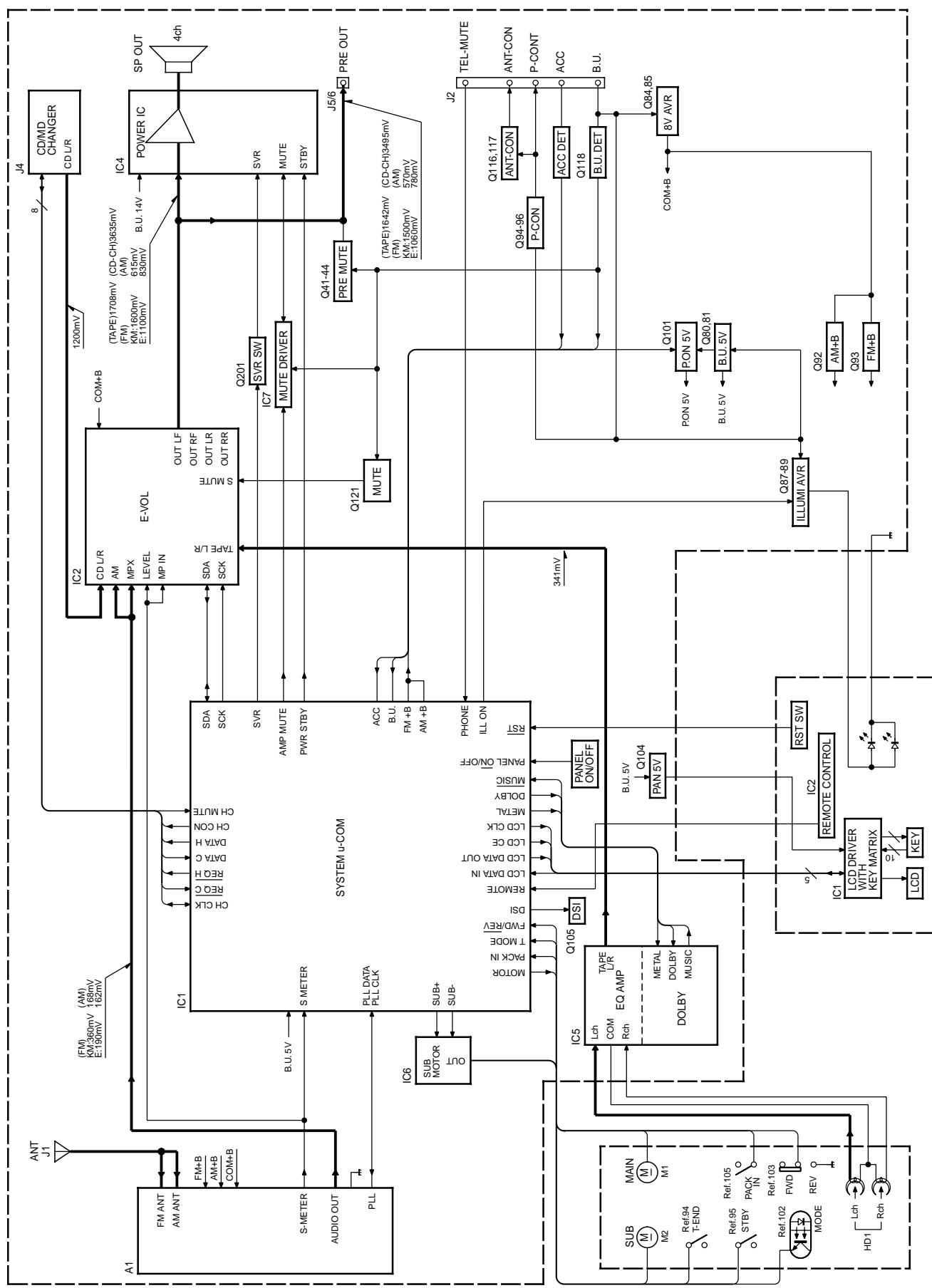
PANEL ASSY
408 : (A64-1903-02)
488 : (A64-1906-02)

CASSETTE LID
(A53-1683-13)



KRC-408/488

BLOCK DIAGRAM



KRC-408/488

CIRCUIT DESCRIPTION

(X14-) IC1 : SYSTEM u-COM

PORT No.	PORT NAME	I/O	FUNCTION
1	XIN	I	Clock input
2	TEST 2	-	GND
3	LCD DATA IN	I	LCD driver data input
4	LCD DATA OUT	O	LCD driver data output
5	LCD CLK	O	LCD driver clock output
6	STBY	I	Tape stand-by SW
7	T END	I	Tape end SW
8	SDA 2	I/O	Data line to E-VOL.
9	SCL 2	O	Clock line to E-VOL.
10	REQ H	O	Changer request output
11	DATA C	I	Changer data input
12	DATA H	O	Changer data output
13	CH CLK	I	Changer clock input
14	REQ C	I	Changer request input
15	CH CON	O	Changer control
16	LCD CE	O	LCD driver Chip Enable output
17	AM+B	O	AM power supply control
18	FM+B	O	FM power supply control
19	MUTE	O	Mute output for audio circuit
20	ILLUMI	O	Illumination on
21	AMP STBY	O	Stand-by output to power amp
22	SVR	O	SVR discharge circuit control
23	P.CON	O	Power control
24	ANT CONT	O	Tuner ANT control
25	SUB+	O	Sub motor+output
26	SUB-	O	Sub motor-output
27	-	-	-
28	SEL 2	I	Destination discrimination 2
29	SEL 1	I	Destination discrimination 1
30	SEL 0	I	Destination discrimination 0
31	VDD	-	VDD
32	N.CAN	I	Noise canceller setting
33	MOTOR	O	Motor-ON output
34-36	-	-	-
37	DSI	O	Disable System Indicator
38	EQ MUTE	O	Tape equaliser mute output
39	P.ON	O	Power on
40	-	-	-

(X14-) IC1 : SYSTEM u-COM

PORT No.	PORT NAME	I/O	FUNCTION
41	-	-	-
42	MS CONT	O	-
43	-	-	-
44	BEEP	O	Beep output(2.08KHz)
45	PANEL	I	Panel ON/OFF detection
46	AMP MUTE	O	Mute
47	CRSC	I	-
48	PACK IN	I	Pack-in detection
49	FWD/REV	I	Tape FWD/REV
50	SDA3	O	PLL/EEPROM data line
51	SCL3	O	PLL/EEPROM clock line
52	METAL	O	Metal mode ON/OFF
53	DOLBY	O	Dolby
54	AM IF CONT	I	AM IF count judgement
55	SD	I	SD input
56	REMOTE	I	Remote controller
57-60	-	-	-
61	T MODE	I	Mode pulse input
62	PHONE	I	Telephone mute input
63	ACC	I	ACC detection
64	BACK UP	I	Back Up detection
65	MUSIC	I	Tape signal detection
66	S-METER	I	FM band SD detection
67	HOLD	I	Hold Detection
68	SNS	I	-
69	LCTR	-	GND
70	HCTR	-	GND
71,72	-	-	-
73	VDD	-	VDD
74	AM IN	-	GND
75	FM IN	-	GND
76	VSS	-	GND
77,78	-	-	-
79	TEST1	-	GND
80	XOUT	I	Clock output

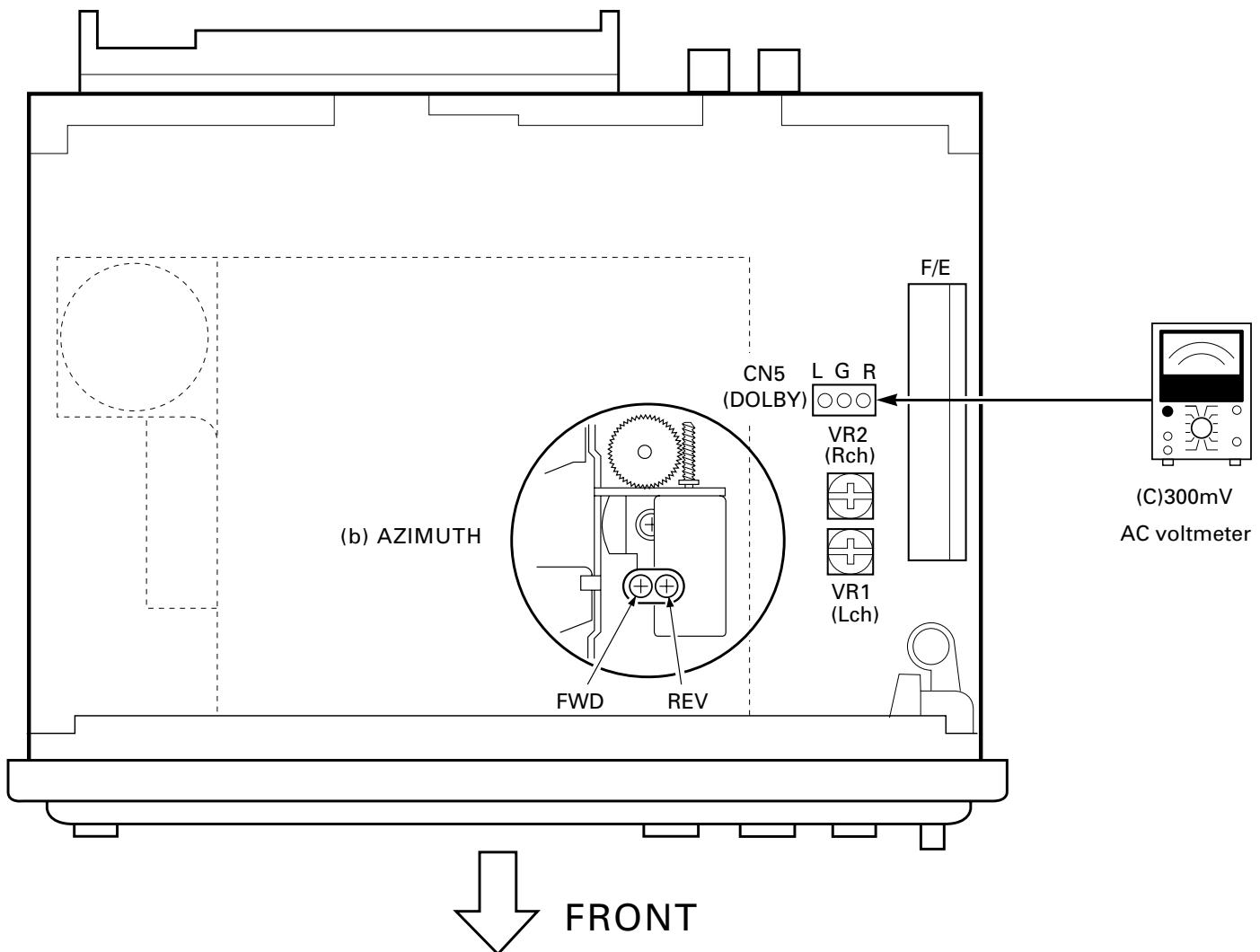
KRC-408/488

ADJUSTMENT

BALANCE/FADER/BASS/TREBLE: CENTER

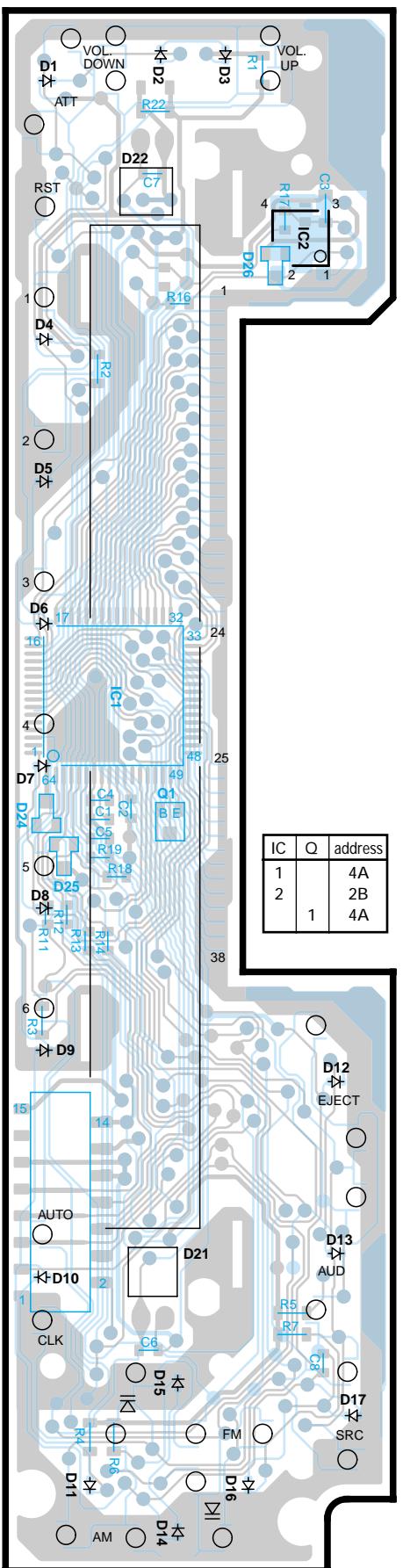
T.ADV/METAL/DOLBY NR/AUTO: OFF

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	RECEIVER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
CASSETTE DECK SECTION							
1	AZIMUTH	TCC-153 10KHz	SP OUT	TAPE PLAY	Head azimuth screw (FWD/REV) (ME1)	Adjust so that output level in playing "FWD" and "REV" becomes maximum each.	(b)
2	DOLBY (PLAY BACK LEVEL)	TCC-130	Connect an AC voltmeter to CN5 (X14-)	TAPE PLAY	VR1(L ch) VR2(R ch) (x14-)	300mV	(c)

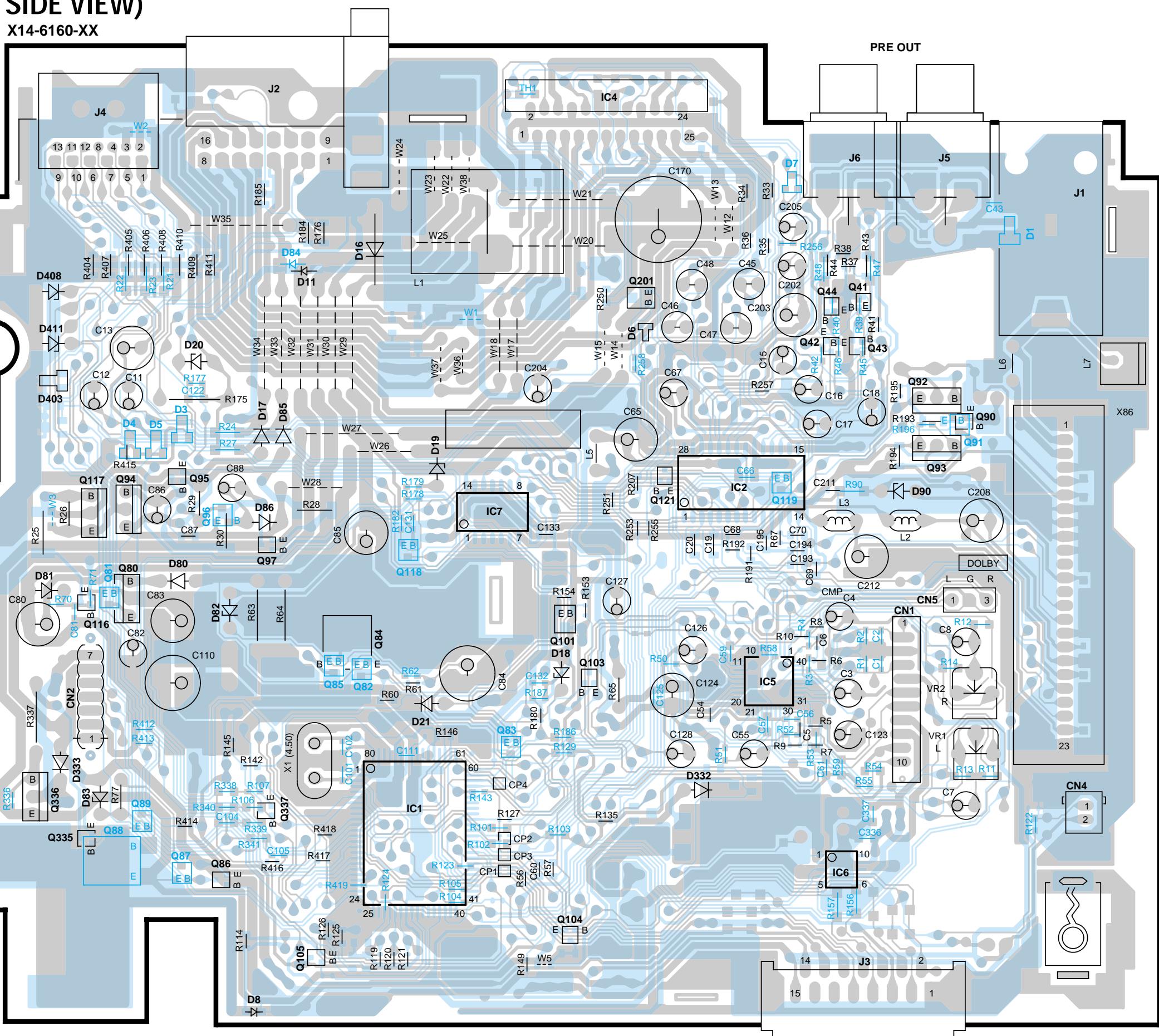


PC BOARD (COMPONENT SIDE VIEW)

X13-9670-10



X14-6160-XX

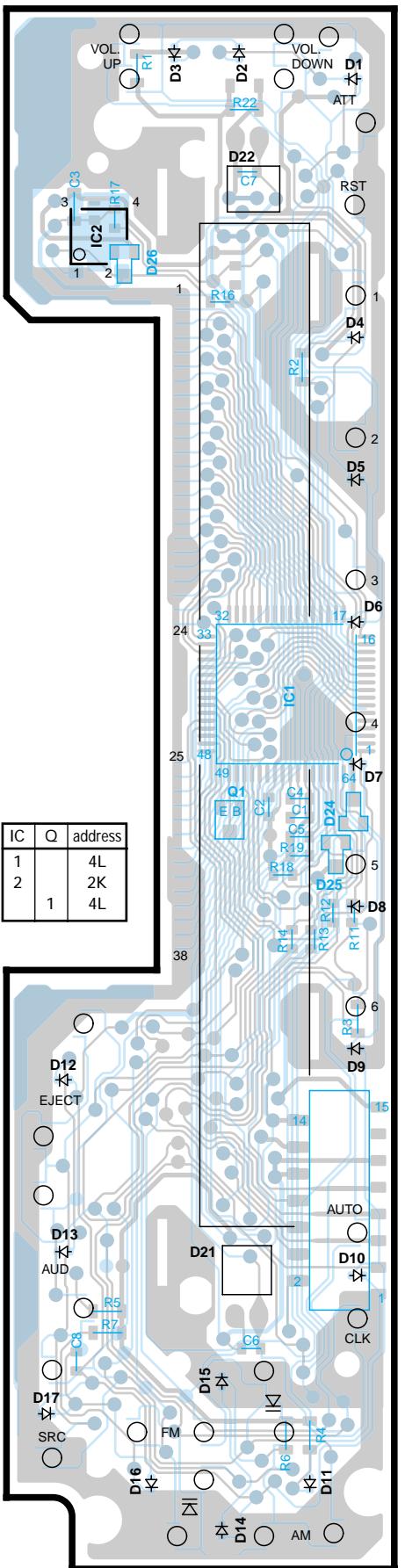


IC	Q	address
1		6E
2		4G
4		1F
5		5H
6		6H
7		4F
	41	3H
	42	3H
	43	3H
	44	3H
	80	4C
	81	4C
	82	5E
	83	5F
	84	5E
	85	5E
	86	6D
	87	6D
	88	6D
	89	6C
	90	3H
	91	3H
	92	3H
	93	4H
	94	4C
	95	4D
	96	4D
	97	4D
	101	5F
	103	5F
	104	6F
	105	7E
	116	4C
	117	4C
	118	4E
	119	4G
	121	4G
	201	3G
	335	6C
	336	6C
	337	6D

Refer to the schematic diagram for the values of resistors and capacitors.

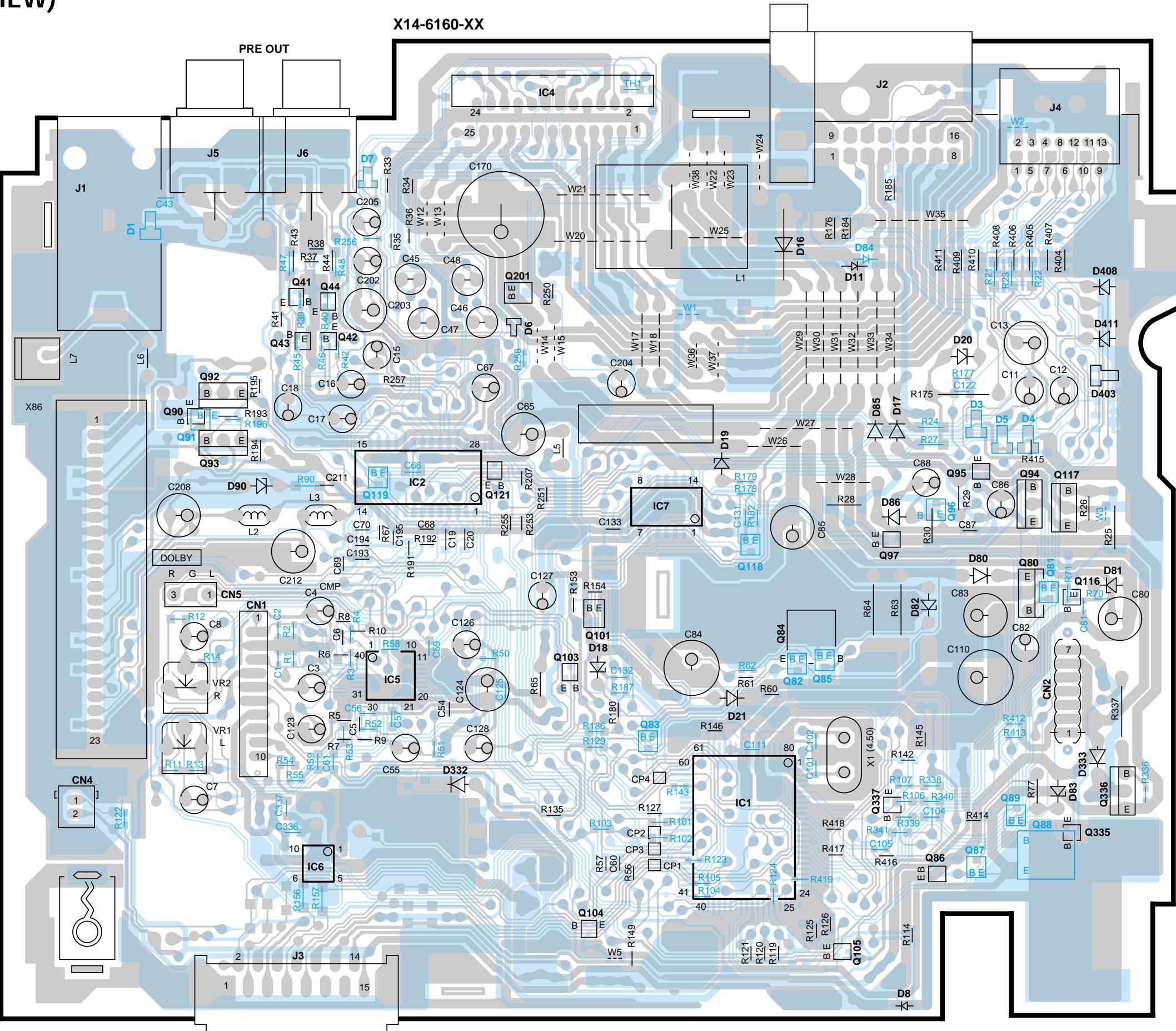
PC BOARD (FOIL SIDE VIEW)

X13-9670-10



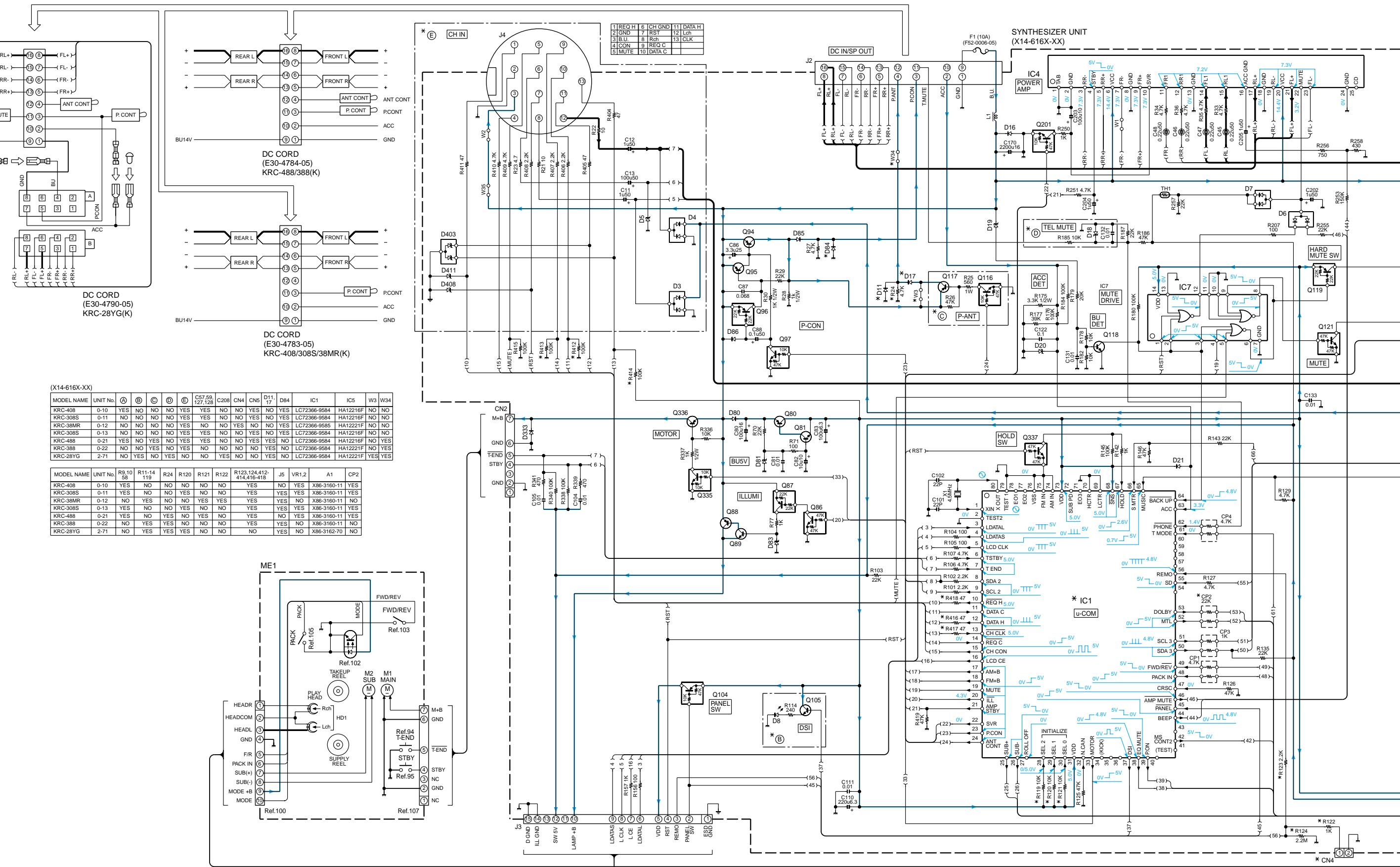
PRE OUT

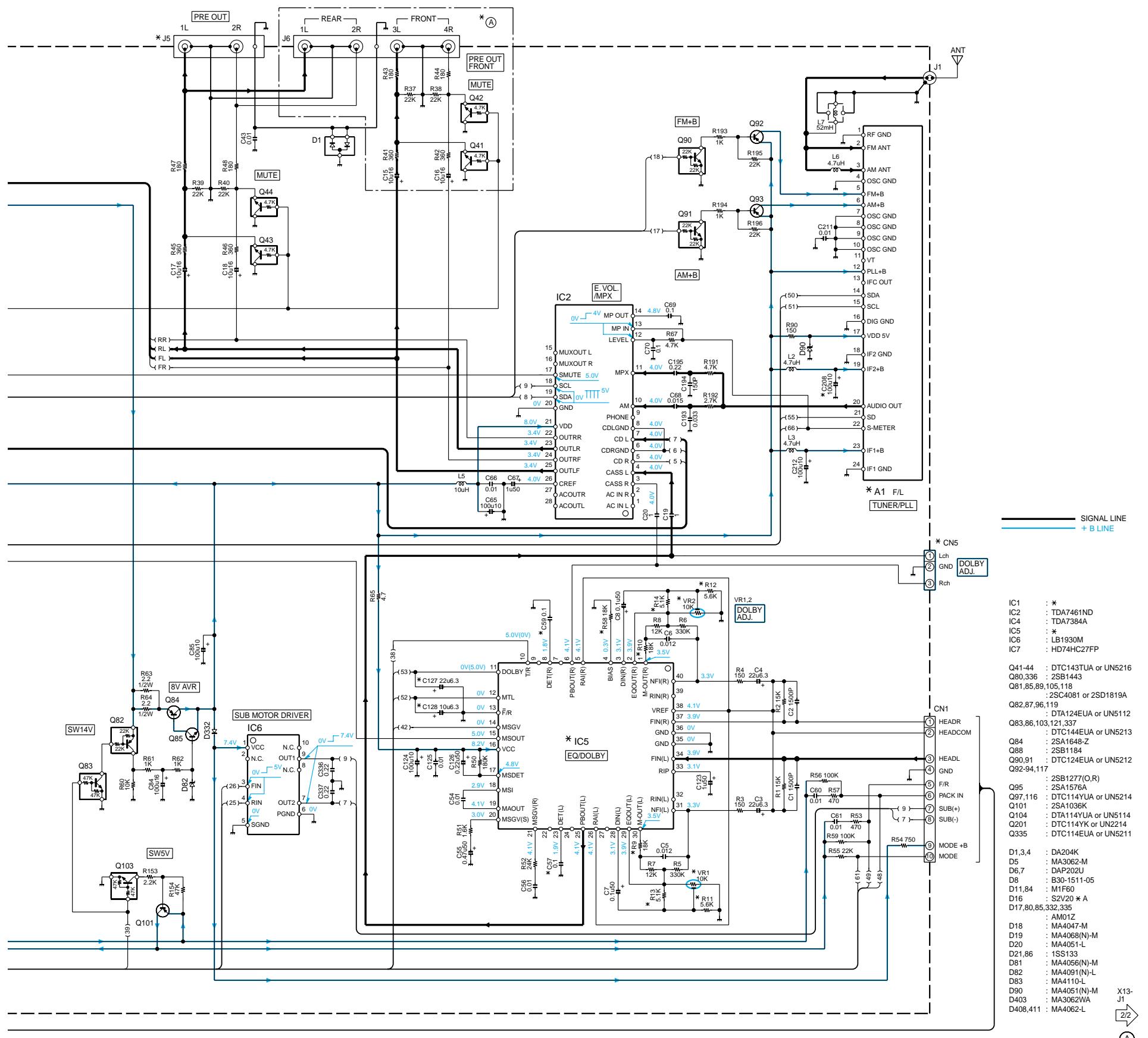
X14-6160-XX



IC	Q	address
1		6Q
2		4O
4		1P
5		5O
6		6N
7		4O
	41	3N
	42	3O
	43	3N
	44	3O
	80	5S
	81	5S
	82	5O
	83	5P
	84	5Q
	85	5R
	86	6R
	87	6R
	88	6S
	89	6S
	90	3N
	91	4N
	92	3N
	93	4N
	94	4S
	95	4R
	96	4R
	97	4R
	101	5P
	103	5P
	104	6P
	115	7R
	116	5S
	117	4S
	118	4O
	119	4O
	121	4P
	201	3P
	335	6S
	336	6S
	337	6R

Refer to the schematic diagram for the values of resistors and capacitors.



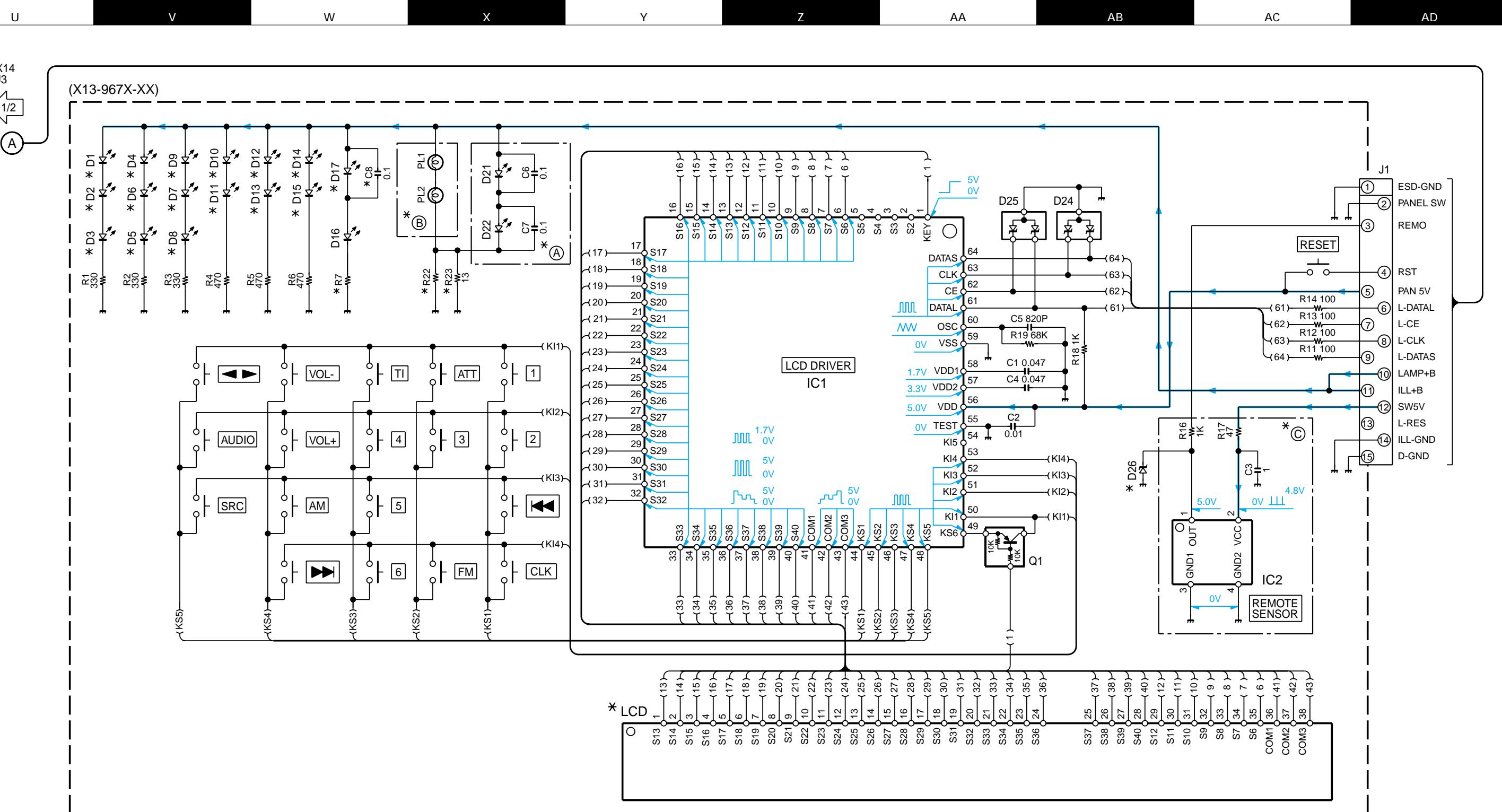


CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).
⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

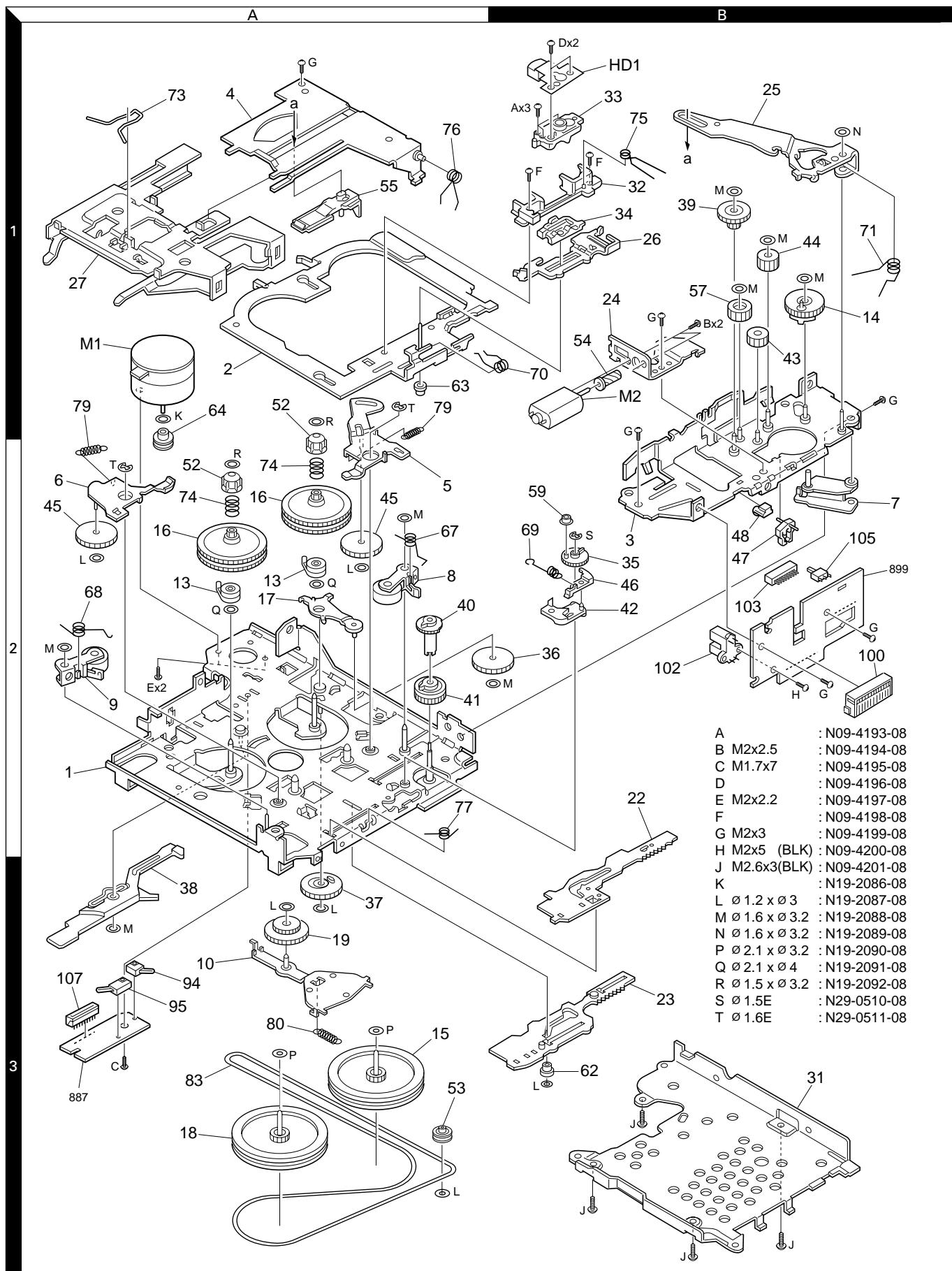
KRC408-488

KENWOOD



CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).
 △ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.
 • DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

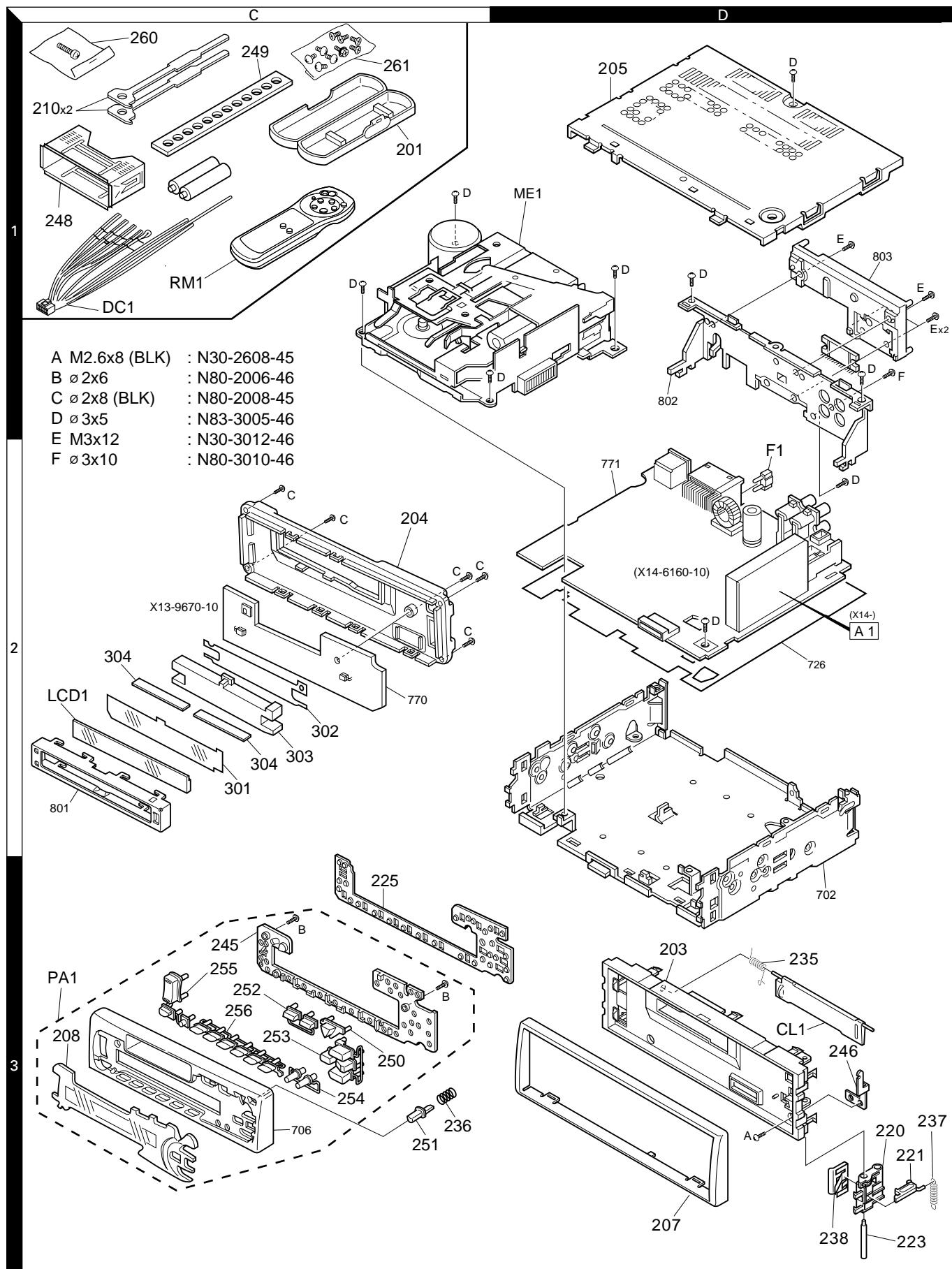
EXPLODED VIEW (MECHANISM)



Parts with the exploded numbers larger than 700 are not supplied.

KRC-408/488

EXPLODED VIEW (UNIT)



16 Parts with the exploded numbers larger than 700 are not supplied.

PARTS LIST

*New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

KRC-408/488

SWITCH UNIT (X13-9070-10)

SYNTHESIZER UNIT (X14-6160-XX)

Ref. No.	A d d	N e w	Parts No.	Description	Desti na ti on
KRC-408/488					
201	1C		A02-1486-13	PLASTIC CABINET ASSY	
203	3D		A22-2391-01	SUB PANEL	
204	2C		A46-1656-01	REAR COVER	
205	1D		A52-0719-02	TOP PLATE	
CL1	3D		A53-1638-13	CASSETTE LID	
PA1	3C	*	A64-1903-02	PANEL ASSY	K
PA1	3C	*	A64-1906-02	PANEL ASSY	M1
RM1	1C		A70-0883-05	REMOTE CONTROLLER ASSY	M1
207	3D	*	B07-2181-02	ESCUTCHEON	
208	3C	*	B10-3134-01	FRONT GLASS	K
208	3C	*	B10-3137-01	FRONT GLASS	M1
-			B46-0100-50	WARRANTY CARD	
-			B46-0606-04	ID CARD	
-		*	B64-1525-00	INSTRUCTION MANUAL E,F	K
-		*	B64-1526-00	INSTRUCTION MANUAL S,P	K
-		*	B64-1527-00	INSTRUCTION MANUAL E,T	M1
210	1C		D10-3031-04	LEVER	
220	3D		D10-4051-33	LEVER	
221	3D		D10-4052-03	LEVER	
223	3D		D21-2250-04	SHAFT	
ME1	1D		D40-1081-25	CASSETTE MECHANISM ASSY	
225	3C		E29-1577-02	CONDUCTIVE RUBBER	
DC1	1C		E30-4783-05	DC CORD	K
DC1	1C		E30-4784-05	DC CORD	M1
999			F52-0011-05	FUSE(MINI BLADE TYPE)	
F1	2D		F52-0006-05	FUSE(MINI BLADE TYPE)	
235	3D		G01-2525-04	TORSION COIL SPRING	
236	3C		G01-2738-04	COMPRESSION SPRING	
237	3D		G01-2792-04	EXTENSION SPRING	
238	3D		G02-1244-03	FLAT SPRING	
-			H10-4696-02	POLYSTYRENE FOAMED FIXTURE	
-			H25-0329-04	PROTECTION BAG (280X450X0.03)	
-			H25-0337-04	PROTECTION BAG (180X300X0.03)	
-		*	H54-1575-03	ITEM CARTON CASE	K
-		*	H54-1578-03	ITEM CARTON CASE	M1
245	3C		J19-4882-12	HOLDER	
246	3D		J21-7726-04	MOUNTING HARDWARE	
248	1C		J21-9491-03	MOUNTING HARDWARE ASSY	
249	1C		J54-0606-04	STAY	
250	3C		K24-1927-04	KNOB	SRC
251	3C		K24-1948-14	KNOB	RELEASE
252	3C		K25-0963-03	KNOB	AUD
253	3C		K25-0969-03	KNOB	FM,AM
254	3C		K25-0970-03	KNOB	AUTO
255	3C		K25-0971-03	KNOB	VOL
256	3C		K25-0972-03	KNOB	1-6
260	1C		N99-1610-15	SCREW SET	
261	1C		N99-1632-05	SCREW SET	
A	3D		N30-2608-45	PAN HEAD MACHINE SCREW	
B	3C		N80-2006-46	PAN HEAD TAPTRITE SCREW	
C	2C		N80-2008-45	PAN HEAD TAPTRITE SCREW	

Ref. No.	A d d	N e w	Parts No.	Description	Desti na ti on
D	1D		N83-3005-46	PAN HEAD TAPTRITE SCREW	
SWITCH UNIT (X13-9670-10)					
301	2C		B11-0967-04	OPTICAL DIFFUSER	
302	2C		B11-0968-04	REFLECTION SHEET	
303	2C		B19-1166-23	LIGHTING BOARD	
D1 -16			B30-1533-05	LED(1608,PG)	
D17			B30-1564-05	LED(1608,BLUE)	
D21 ,22	2C		B30-1572-05	LED(WHITE)	
LCD1			B38-1026-05	LIQUID CRYSTAL	
C1			CK73FB1E473K	CHIP C 0.047UF K	
C2			CK73FB1H103K	CHIP C 0.010UF K	
C3			CK73EB1C105K	CHIP C 1.0UF K	
C4			CK73FB1E473K	CHIP C 0.047UF K	
C5			CK73FB1H821K	CHIP C 820PF K	
C6 -8			CK73FB1C104K	CHIP C 0.10UF K	
304	2C		E29-1575-04	CONDUCTIVE RUBBER	
J1			E59-0828-05	RECTANGULAR PLUG	
R1 -3			RK73EB2B331J	CHIP R 330 J 1/8W	
R4 -6			RK73EB2B471J	CHIP R 470 J 1/8W	
R7			RK73EB2B361J	CHIP R 360 J 1/8W	
R11 -14			RK73FB2A101J	CHIP R 100 J 1/10W	
R16			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R17			RK73FB2A470J	CHIP R 47 J 1/10W	
R18			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R19			RK73FB2A683J	CHIP R 68K J 1/10W	
R22			RK73EB2B271J	CHIP R 270 J 1/8W	
D24 ,25			MA3062WA	ZENER DIODE	
D26			MA3062-M	ZENER DIODE	
IC1			LC75853NE	MOS-IC	
IC2			RS-171	ANALOGUE IC	
Q1			DTA114EK	DIGITAL TRANSISTOR	
Q1			UN2111	DIGITAL TRANSISTOR	
SYNTHESIZER UNIT (X14-6160-XX)					
C1 ,2			CK73GB1H152K	CHIP C 1500PF K	
C3 ,4			CE04CW0J220M	ELECTRO 22UF 6.3WV	
C5 ,6			CK73GB1E123K	CHIP C 0.012UF K	
C7 ,8			C90-2602-05	ELECTRO 0.10UF 50WV	
C11 ,12			C90-2608-05	ELECTRO 1.0UF 50WV	
C13			CE04CW1A101M	ELECTRO 100UF 10WV	
C15 -18			C90-2597-05	ELECTRO 10UF 16WV	
C19 ,20			CK73EB1C105K	CHIP C 1.0UF K	
C43			CK73FB1H103K	CHIP C 0.010UF K	
C45 -48			C90-5296-05	ELECTRO 0.22UF 50WV	
C54			CK73GB1H103K	CHIP C 0.010UF K	
C55			C90-2606-05	ELECTRO 0.47UF 50WV	
C56			CK73GB1H103K	CHIP C 0.010UF K	
C57			CK73FB1C104K	CHIP C 0.10UF K	
C59			CK73FB1C104K	CHIP C 0.10UF K	
C60 ,61			CK73FB1H103K	CHIP C 0.010UF K	
C65			CE04CW1A101M	ELECTRO 100UF 10WV	
C66			CK73FB1H103K	CHIP C 0.010UF K	
C67			C90-2608-05	ELECTRO 1.0UF 50WV	

PARTS LIST

*New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

SYNTHESIZER UNIT (X14-6160-XX)

Ref. No.	A d d	N e w	Parts No.	Description	Desti nati on	Ref. No.	A d d	N e w	Parts No.	Description	Desti nati on
C68			CK73GB1E153K	CHIP C 0.015UF K		X1			L77-1163-05	CRYSTAL RESONATOR(4.5M)	
C69 ,70			CK73FB1C104K	CHIP C 0.10UF K		X1			L77-1165-05	CRYSTAL RESONATOR(4.5MHZ)	
C80			CE04DW1C101M	ELECTRO 100UF 16WV		X1			L77-2025-05	CRYSTAL RESONATOR	
C81			CK73GB1H103K	CHIP C 0.010UF K		E	1D		N30-3012-46	PAN HEAD MACHINE SCREW	
C82			C90-2594-05	ELECTRO 10UF 10WV		F	1D		N80-3010-46	PAN HEAD TAPTRITE SCREW	
C83			CE04CW0J101M	ELECTRO 100UF 6.3WV		CP1			R90-0719-05	MULTI-COMP 4.7K X2	
C84			CE04CW1C101M	ELECTRO 100UF 16WV		CP2			R90-1020-05	MULTI-COMP 22K X2	
C85			CE04CW1A101M	ELECTRO 100UF 10WV		CP3			R90-0725-05	MULTI-COMP 1K X2	
C86			C90-2598-05	ELECTRO 3.3UF 25WV		CP4			R90-0719-05	MULTI-COMP 4.7K X2	
C87			CK73FB1E683K	CHIP C 0.068UF K		R1 ,2			RK73GB1J153J	CHIP R 15K J 1/16W	
C88			C90-2602-05	ELECTRO 0.10UF 50WV		R3 ,4			RK73GB1J151J	CHIP R 150 J 1/16W	
C101,102			CC73GCH1H220J	CHIP C 22PF J		R5 ,6			RK73GB1J334J	CHIP R 330K J 1/16W	
C104			CK73FB1H103K	CHIP C 0.010UF K		R7 ,8			RK73GB1J123J	CHIP R 12K J 1/16W	
C105			CK73GB1H103K	CHIP C 0.010UF K		R9 ,10			RK73GB1J183J	CHIP R 18K J 1/16W	
C110			CE04CW0J221M	ELECTRO 220UF 6.3WV		R21 ,22			RK73EB2B100J	CHIP R 10 J 1/8W	
C111			CK73GB1H103K	CHIP C 0.010UF K		R23			RK73EB2B4R7J	CHIP R 4.7 J 1/8W	
C122			CK73FB1C104K	CHIP C 0.10UF K		R24			RK73EB2B472J	CHIP R 4.7K J 1/8W	M1
C123			C90-2608-05	ELECTRO 1.0UF 50WV		R25			R92-0366-05	CHIP R 560 J 1W	M1
C124			CE04CW1A101M	ELECTRO 100UF 10WV		R27			RK73EB2B472J	CHIP R 4.7K J 1/8W	
C125			CK73GB1H103K	CHIP C 0.010UF K		R28			R92-0365-05	CHIP R 1.0K J 1/2W	
C126			C90-2604-05	ELECTRO 0.22UF 50WV		R30			R92-0365-05	CHIP R 1.0K J 1/2W	
C127,128			C90-2592-05	ELECTRO 10UF 6.3WV		R33 -36			RK73GB1J472J	CHIP R 4.7K J 1/16W	
C131			CK73GB1H103K	CHIP C 0.010UF K		R37 -40			RK73GB1J223J	CHIP R 22K J 1/16W	
C133			CK73FB1H103K	CHIP C 0.010UF K		R41 ,42			RK73GB1J361J	CHIP R 360 J 1/16W	
C170			C90-5235-05	ELECTRO 2200UF 16WV		R43 ,44			RK73EB2B181J	CHIP R 180 J 1/8W	
C193			CK73FB1E333K	CHIP C 0.033UF K		R45 ,46			RK73GB1J361J	CHIP R 360 J 1/16W	
C194			CC73FC1H1H151J	CHIP C 150PF J		R47 ,48			RK73EB2B181J	CHIP R 180 J 1/8W	
C195			CK73FB1C224K	CHIP C 0.22UF K		R50			RK73GB1J184J	CHIP R 180K J 1/16W	
C202			C90-2608-05	ELECTRO 1.0UF 50WV		R51			RK73GB1J162J	CHIP R 1.6K J 1/16W	
C203			CE04CW1A101M	ELECTRO 100UF 10WV		R52			RK73GB1J243J	CHIP R 24K J 1/16W	
C204			C90-2608-05	ELECTRO 1.0UF 50WV		R53			RK73FB2A471J	CHIP R 470 J 1/10W	
C205			C90-2935-05	ELECTRO 1.0UF 50WV		R54			RK73FB2A751J	CHIP R 750 J 1/10W	
C208			CE04CW1A101M	ELECTRO 100UF 10WV		R55			RK73GB1J223J	CHIP R 22K J 1/16W	
C211			CK73GB1H103K	CHIP C 0.010UF K		R56			RK73GB1J104J	CHIP R 100K J 1/16W	
C212			CE04CW1A101M	ELECTRO 100UF 10WV		R57			RK73FB2A471J	CHIP R 470 J 1/10W	
C336,337			CK73FB1C224K	CHIP C 0.22UF K		R58			RK73GB1J183J	CHIP R 18K J 1/16W	
CN1			E40-9541-05	PIN ASSY		R59			RK73FB2A104J	CHIP R 100K J 1/10W	
CN5			E40-9184-05	PIN ASSY		R60			RK73FB2A103J	CHIP R 10K J 1/10W	
J1			E04-0312-05	RF COAXIAL CABLE RECEPTACLE		R61 ,62			RK73GB1J102J	CHIP R 1.0K J 1/16W	
J2			E58-0863-15	RECTANGULAR RECEPTACLE		R63 ,64			RD14DB2H2R2J	SMALL-RD 2.2 J 1/2W	
J3			E58-0879-05	RECTANGULAR RECEPTACLE		R67			RK73GB1J472J	CHIP R 4.7K J 1/16W	
J4			E56-0834-05	CYLINDRICAL RECEPTACLE		R70			RK73GB1J223J	CHIP R 22K J 1/16W	
J6			E63-0014-05	PIN JACK		R71			RK73GB1J101J	CHIP R 100 J 1/16W	
W12 -15			E31-0001-00	JUMPER WIRE		R90			RK73EB2B151J	CHIP R 150 J 1/8W	
W17 ,18			E31-0001-00	JUMPER WIRE		R101,102			RK73FB2A222J	CHIP R 2.2K J 1/10W	
W20 -33			E31-0001-00	JUMPER WIRE	K	R103			RK73FB2A223J	CHIP R 22K J 1/10W	
W20 -38			E31-0001-00	JUMPER WIRE	M1	R104,105			RK73GB1J101J	CHIP R 100 J 1/16W	
W35 -38			E31-0001-00	JUMPER WIRE	K	R106			RK73FB2A472J	CHIP R 4.7K J 1/10W	
L1			L33-1063-15	CHOKE COIL		R107			RK73GB1J472J	CHIP R 4.7K J 1/16W	
L2 ,3			L40-4795-91	SMALL FIXED INDUCTOR(4.7UH,J)		R121			RK73GB1J103J	CHIP R 10K J 1/16W	
L5			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)		R123			RK73GB1J222J	CHIP R 2.2K J 1/16W	
L6			L40-4791-17	SMALL FIXED INDUCTOR(4.7UH,K)		R124			RK73FB2A225J	CHIP R 2.2M J 1/10W	
L7			L33-1123-05	LINE FILTER COIL		R125,126			RK73FB2A473J	CHIP R 47K J 1/10W	
						R127			RK73GB1J472J	CHIP R 4.7K J 1/16W	

▲ indicates safety critical components.

PARTS LIST

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SYNTHESIZER UNIT (X14-6160-XX)

Ref. No.	A d d	N e w	Parts No.	Description	Desti nati on	Ref. No.	A d d	N e w	Parts No.	Description	Desti nati on
R129			RK73FB2A472J	CHIP R 4.7K J 1/10W		D17			AM01Z	DIODE	M1
R135			RK73GB1J223J	CHIP R 22K J 1/16W		D17			ERA15-01	DIODE	M1
R142			RK73FB2A102J	CHIP R 1.0K J 1/10W		D19			MA4068(N)-M	ZENER DIODE	
R143			RK73GB1J223J	CHIP R 22K J 1/16W		D20			MA4051-L	ZENER DIODE	
R145			RK73GB1J104J	CHIP R 100K J 1/16W		D21			1SS133	DIODE	
R146			RK73FB2A473J	CHIP R 47K J 1/10W		D80			AM01Z	DIODE	
R153			RK73GB1J222J	CHIP R 2.2K J 1/16W		D80			ERA15-01	DIODE	
R154			RK73GB1J473J	CHIP R 47K J 1/16W		D81			MA4056(N)-M	ZENER DIODE	
R156			RK73EB2B101J	CHIP R 100 J 1/8W		D82			MA4091(N)-L	ZENER DIODE	
R157			RK73EB2B102J	CHIP R 1.0K J 1/8W		D83			MA4110-L	ZENER DIODE	
R175			RD14DB2H332J	SMALL-RD 3.3K J 1/2W		D84			M1F60	DIODE	K
R176			RK73EB2B104J	CHIP R 100K J 1/8W		D85			AM01Z	DIODE	
R177			RK73GB1J393J	CHIP R 39K J 1/16W		D85			ERA15-01	DIODE	
R178			RK73GB1J103J	CHIP R 10K J 1/16W		D86			1SS133	DIODE	
R179			RK73GB1J203J	CHIP R 20K J 1/16W		D90			MA4051(N)-M	ZENER DIODE	
R180			RK73GB1J104J	CHIP R 100K J 1/16W		D332,333			AM01Z	DIODE	
R182			RK73GB1J103J	CHIP R 10K J 1/16W		D332,333			ERA15-01	DIODE	
R184			RK73EB2B104J	CHIP R 100K J 1/8W		D403			MA3062WA	ZENER DIODE	
R186			RK73FB2A473J	CHIP R 47K J 1/10W		D408			MA4062-L	ZENER DIODE	
R187			RK73GB1J223J	CHIP R 22K J 1/16W		D411			MA4062-L	ZENER DIODE	
R191			RK73FB2A472J	CHIP R 4.7K J 1/10W		IC1			LC72366-9584	MI-COM IC	
R192			RK73GB1J272J	CHIP R 2.7K J 1/16W		IC2			TDA7461ND	ANALOGUE IC	
R193,194			RK73EB2B102J	CHIP R 1.0K J 1/8W		IC4			TDA7384A	ANALOGUE IC	
R195,196			RK73GB1J223J	CHIP R 22K J 1/16W		IC5			HA12216F	ANALOGUE IC	
R207			RK73FB2A101J	CHIP R 100 J 1/10W		IC6			LB1930M	ANALOGUE IC	
R250			RK73FB2A102J	CHIP R 1.0K J 1/10W		IC7			HD74HC27FP	MOS-IC	
R251			RK73GB1J472J	CHIP R 4.7K J 1/16W		Q41 -44			DTC143TUA	DIGITAL TRANSISTOR	
R253			RK73GB1J154J	CHIP R 150K J 1/16W		Q41 -44			UN5216	DIGITAL TRANSISTOR	
R255			RK73GB1J223J	CHIP R 22K J 1/16W		Q80			2SB1443	TRANSISTOR	
R256			RK73GB1J751J	CHIP R 750 J 1/16W		Q81			2SC4081	TRANSISTOR	
R257			RK73GB1J223J	CHIP R 22K J 1/16W		Q81			2SD1819A	TRANSISTOR	
R258			RK73GB1J431J	CHIP R 430 J 1/16W		Q82			DTA124EUA	DIGITAL TRANSISTOR	
R336			RK73GB1J103J	CHIP R 10K J 1/16W		Q82			UN5112	DIGITAL TRANSISTOR	
R337			RD14DB2H102J	SMALL-RD 1.0K J 1/2W		Q83			DTC144EUA	DIGITAL TRANSISTOR	
R338			RK73FB2A104J	CHIP R 100K J 1/10W		Q83			UN5213	DIGITAL TRANSISTOR	
R339			RK73FB2A471J	CHIP R 470 J 1/10W		Q84			2SA1648-Z	TRANSISTOR	
R340			RK73FB2A104J	CHIP R 100K J 1/10W		Q85			2SC4081	TRANSISTOR	
R341			RK73FB2A471J	CHIP R 470 J 1/10W		Q85			2SD1819A	TRANSISTOR	
R404,405			RK73EB2B470J	CHIP R 47 J 1/8W		Q86			DTC144EUA	DIGITAL TRANSISTOR	
R406-408			RK73EB2B222J	CHIP R 2.2K J 1/8W		Q86			UN5213	DIGITAL TRANSISTOR	
R409,410			RK73EB2B472J	CHIP R 4.7K J 1/8W		Q87			DTA124EUA	DIGITAL TRANSISTOR	
R411			RK73EB2B470J	CHIP R 47 J 1/8W		Q87			UN5112	DIGITAL TRANSISTOR	
R412-415			RK73GB1J104J	CHIP R 100K J 1/16W		Q88			2SB1184	TRANSISTOR	
R416-418			RK73GB1J470J	CHIP R 47 J 1/16W		Q89			2SC4081	TRANSISTOR	
R419			RK73GB1J473J	CHIP R 47K J 1/16W		Q89			2SD1819A	TRANSISTOR	
VR1,2			R32-0037-05	SEMI FIXED VARIABLE RESISTOR		Q90,91			DTC124EUA	DIGITAL TRANSISTOR	
W1,2			R92-2053-05	CHIP R 0 J 1/8W		Q90,91			UN5212	DIGITAL TRANSISTOR	
D1			DA204K	DIODE		Q92 -94			2SB1277(Q,R)	TRANSISTOR	
D3,4			DA204K	DIODE		Q95			2SA1576A	TRANSISTOR	
D5			MA3062-M	ZENER DIODE		Q96			DTA124EUA	DIGITAL TRANSISTOR	
D6,7			DAP202U	DIODE		Q96			UN5112	DIGITAL TRANSISTOR	
D6,7			MA142WA	DIODE		Q97			DTC114YUA	DIGITAL TRANSISTOR	
D11			M1F60	DIODE		Q97			UN5214	DIGITAL TRANSISTOR	
D16			S2V20*A	DIODE	M1	Q101			2SA1036K	TRANSISTOR	
				DIODE		Q103			DTC144EUA	DIGITAL TRANSISTOR	

PARTS LIST

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SYNTHESIZER UNIT (X14-6160-XX)
CASSETTE MECHANISM ASSY (D40-1081-25)

Ref. No.	A dd	N ew	Parts No.	Description	Desti nation
Q103			UN5213	DIGITAL TRANSISTOR	
Q104			DTA114YUA	DIGITAL TRANSISTOR	
Q104			UN5114	DIGITAL TRANSISTOR	
Q116			DTC114YUA	DIGITAL TRANSISTOR	M1
Q116			UN5214	DIGITAL TRANSISTOR	M1
Q117			2SB1277(O,R)	TRANSISTOR	M1
Q118			2SC4081	TRANSISTOR	
Q118			2SD1819A	TRANSISTOR	
Q119			DTA124EUA	DIGITAL TRANSISTOR	
Q119			UN5112	DIGITAL TRANSISTOR	
Q121			DTC144EUA	DIGITAL TRANSISTOR	
Q121			UN5213	DIGITAL TRANSISTOR	
Q201			DTC114YK	DIGITAL TRANSISTOR	
Q201			UN2214	DIGITAL TRANSISTOR	
Q335			DTC114EUA	DIGITAL TRANSISTOR	
Q335			UN5211	DIGITAL TRANSISTOR	
Q336			2SB1443	TRANSISTOR	
Q337			DTC144EUA	DIGITAL TRANSISTOR	
Q337			UN5213	DIGITAL TRANSISTOR	
TH1	*		PTH9C42BD471Q	POSITIVE RESISTOR	
A1	2D		X86-3160-11	FRONT-END UNIT	

CASSETTE MECHANISM ASSY (D40-1081-25)

Ref. No.	A dd	N ew	Parts No.	Description	Desti nation
40	2A		D13-1331-08	GEAR	
41	2A		D13-1332-08	GEAR	
42	2B		J11-0619-08	CLAMPER	
43	1B		D13-1333-08	GEAR	
44	1B		D13-1334-08	GEAR	
45	2A		D13-1335-08	GEAR	
46	2B		D10-4120-08	ARM	
47	2B		J19-4738-08	HOLDER	
48	2B		J11-0620-08	CLAMPER	
52	2A		D03-0312-08	REEL DISK	
53	3A		D15-0913-08	PULLEY	
54	1B		D13-1336-08	WORM	
55	1A		D10-4121-08	SLIDER	
57	1B		D13-1337-08	GEAR	
59	2B		J31-1036-08	COLLAR	
62	3B		D14-0683-08	ROLLER	
63	1A		D14-0684-08	ROLLER	
64	1A		D15-0914-08	PULLEY	
67	2A		G01-2832-08	TORSION COIL SPRING	
68	2A		G01-2833-08	TORSION COIL SPRING	
69	2B		G01-2834-08	TENSION COIL SPRING	
70	1B		G01-2835-08	TORSION COIL SPRING	
71	1B		G01-2836-08	TORSION COIL SPRING	
73	1A		G09-2020-08	SPRING	
74	2A		G01-2837-08	COMPRESSION COIL SPRING	
75	1B		G01-2838-08	TORSION COIL SPRING	
76	1A		G01-2839-08	TORSION COIL SPRING	
77	2A		G01-2843-08	TORSION COIL SPRING	
79	1A		G01-2840-08	TENSION COIL SPRING	
80	3A		G01-2841-08	TENSION COIL SPRING	
83	3A		D16-0609-08	BELT	
94	3A		S64-0804-08	LEVER SWITCH	
95	3A		S64-0805-08	LEVER SWITCH	
100	2B		E30-4460-08	CONNECTOR ASSY (10P)	
102	2B		T95-0213-08	PHOTO COUPLER	
103	2B		S62-0858-08	SLIDE SWITCH 040600	
105	2B		S74-0813-08	LEAF SWITCH 040700	
107	3A		E30-4468-08	CONNECTOR ASSY (7P)	
A	1B		N09-4193-08	SCREW	
B	1B		N09-4194-08	SCREW	
C	3A		N09-4195-08	SCREW	
D	1B		N09-4196-08	SCREW	
E	2A		N09-4197-08	SCREW	
F	1B		N09-4198-08	SCREW	
G	1A		N09-4199-08	SCREW	
H	2B		N09-4200-08	SCREW	
J	3B		N09-4201-08	SCREW	
K	2A		N19-2086-08	FLAT WASHER	
L	3A		N19-2087-08	FLAT WASHER	
M	1B		N19-2088-08	FLAT WASHER	
N	1B		N19-2089-08	FLAT WASHER	
P	3A		N19-2090-08	FLAT WASHER	
Q	2A		N19-2091-08	FLAT WASHER	
R	1A		N19-2092-08	FLAT WASHER	

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CASSETTE MECHANISM ASSY (D40-1081-25)

Ref. No.	A d d	N e w	Parts No.	Description	Desti nati on
S	2B		N29-0510-08	RETAINING RING	
T	2A		N29-0511-08	RETAINING RING	
HD1	1B		T31-0220-08	PLAYBACK HEAD	
M1	1A		T42-0759-08	MOTOR ASSY (MAIN)	
M2	1B		T42-0755-08	MOTOR ASSY (SUB)	

Ref. No.	A d d	N e w	Parts No.	Description	Desti nati on

KRC-408/488

SPECIFICATIONS

		KRC-408(K)	KRC-488(M)
	TDF	TDF	TDF
Tuner Type	CR2	CR2	CR2
FM	Frequency Range (Frequency Step)	87.9MHz-107.9MHz (200kHz)	87.5MHz-108.0MHz (50kHz)
	Channel Space Selection	50kHz/200kHz	50kHz/200kHz
	Usable Sensitivity(S/N30dB)	9.3dBf(0.8μV/75Ω)	9.3dBf(0.8μV/75Ω)
	Quieting Sensitivity(S/N50dB)	15.2dBf(1.6μV/75Ω)	15.2dBf(1.6μV/75Ω)
	Frequency Response(± 3.0dB)	30Hz-15kHz	30Hz-15kHz
	S/N	70dB(MONO)	70dB(MONO)
	Selectivity	≥80dB(± 400kHz)	≥80dB(± 400kHz)
	Stereo Separation	40dB(1kHz)	40dB(1kHz)
AM	Frequency Range (Frequency Step)	530kHz-1700kHz (10kHz)	531kHz-1611kHz (9kHz)
	Channel Space Selection	9kHz/10kHz	9kHz/10kHz
	Usable Sensitivity(S/N20dB)	28dBμ (25μV)	28dBμ (25μV)
CASSETTE	Tape Speed	4.76cm/sec.	4.76cm/sec.
	Wow/Flutter(wrms)	0.08%(WRMS)	0.08%(WRMS)
	Frequency Response(± 3.0dB)	30Hz-18kHz(70μs)	30Hz-18kHz(70μs)
	Separation	40dB(1kHz)	40dB(1kHz)
	S/N Dolby NR OFF	57dB	57dB
	S/N Dolby B NR ON	65dB	65dB
Preout Level/Load		1800mV/10KΩ	1800mV/10KΩ
Preout Impedance		≤600Ω	≤600Ω
AMPLIFIER	Maximum Power	40Wx4	40Wx4
	Full Bandwidth Power (at less than 1% THD)	22Wx4	22Wx4
TONE	Bass	100Hz± 10dB	100Hz± 10dB
	Treble	10kHz± 10dB	10kHz± 10dB
GENERAL	Operating Voltage(11V-16V allowable)	14.4V	14.4V
	Current Consumption	10A	10A
	Installation Size (Width)	182mm	182mm
	(Height)	53mm	53mm
	(Depth)	155mm	155mm
	Weight	1.4kg	1.4kg

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

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